| Title APS 1432632 Projects SR Vacuum Chamber Cooling Skid Exchanger | Status | Div | Group | Requester | Manager | Proposed
Start Date | Actual Start
 | Proposed End
Date | Actual | % | Excell Plan | MS
Project | BCDA
 | CTSs St | upport | MED C. | upport Ne | eded
 | Design/
Drafter | MOM S | | Safety
Interlocks
 | ESH | | Central
Shops | TSS
Group - | |
 | Comments from Jan 31, 2013 |
|--|--|---|--|---|--|--
--|--|--|--|---
--	--	--	---
--	--	--	--
--	--	--	--
Projects SR Vacuum Chamber			
 | Date | Finish | Complete | 2/1001111011 | Plan | BODA
 | Need | led | MED SU | ирроп не | 1 3
 | Support
Needed | Need | led | Support
Needed
 | QA | ces | Silops | Eng | | Hrs
 | Progress Reports |
| SR Vacuum Chamber | | | | | | |
 | | | | | |
 | Tech | Eng. | Tech | Eng | SA
 | | Tech | Eng T | Tech Eng.
 | | 003 | | | |
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 | | | |
 | | | | | |
 | |
Replacement	Approved	AES	МОМ	Goeppner, George	Swetin, G.	12/1/2012
 | 3/30/2014 | | 20% | APS 1433091 | ~ |
 | | | | |
 | | 480 | 52 |
 | | | | | |
 | wetin: Provided update |
Replace Ion Pump Controllers in PAR	Approved	AES	MOM	Goeppner, George A.	Gagliano, Joe	1/2/2013
 | 1/11/2013 | | 0% | APS_1433108 | ✓ |
 | | | | |
 | | 160
240 | 20 |
 | | | | | | dı
P
9/
 | tagliano: work will be done uring the 2013-2 shutdown. roposed end-date is (24/13. Tech hours hanged from 180 to 240. |
Hours Complete Linac Water Station Rebuild	d Approved	AES	MOM		Wright, Robert	8/21/2013 12/1/2012
 | 9/24/2013
1/25/2014 | | 20% | APS 1433092 | · · |
 | | | | |
 | 40 | 675 | 60 |
 | | | | | | 0
775 <u>W</u>
 | /right: Provided update |
Process Cooling Water	Approved	AES	MOM	Goeppner,	Swetin, G.	12/1/2012
 | 5/30/2014 | | 5% | APS 1433093 | / |
 | | | | |
 | 2 | 80
320 | 25
24 |
 | | | | | | 107
344 <u>S</u>
 | wetin: Provided update |
| | d | + | 1 | George | | 1 |
 | | | | | | <u> </u>
 | | | | |
 | | 32 | 6 |
 | | 1 | | | | 38
 | |
Insertion Device Control Upgrade	Approved	AES	CTLS	Farnsworth, Richard	Farnsworth, Richard	12/1/2012
 | 5/1/2013 | | 5% | APS 1433088 | |
 | 186.5 | | | |
 | | | |
 | | | | | | lit
pi
pe
 | arnsworth: there has been the progress on Upgrade rojects during the shutdown eriod, although procurement ctivity has commenced. |
<u> </u>						
 | | | | | |
 | 10 | | | |
 | | | |
 | | | | | | 10
 | |
		AES	IT	Sidorowicz, Ken	Sidorowicz, Ken	12/26/2012
 | 9/30/2013 | | 50% | APS_1433089 | V |
 | | | | |
 | | | |
 | | | | | 140 | 480 <u>S</u>
da
140
 | idorowicz: No change to ate |
XRAY network and server	Approved	AES	IT	1	Sidorowicz, Ken	12/1/2012
 | 9/30/2013 | | 30% | APS 1433095 | V |
 | | | | |
 | | | |
 | | | | | 471 |
 | idorowicz: No change to |
	d	+		INGII		
 | | | | | |
 | | | | |
 | | | |
 | 1 | 1 | | | 290 | 290
 | ate |
		AES	SI	Markovich, Greg	Markovich, Greg	11/1/2012
 | 7/31/2013 | | 38% | APS 1433090 | V |
 | | | | |
 | | | |
 | | | | | |
 | larkovich: Provided update |
SP Bunch current mointor servers	Approved	AES	CTLS	Farnsworth, Richard	Farnsworth, Richard	12/1/2012
 | 9/24/2013 | | 10% | APS 1433094 | * |
 | 15 | 280 | | |
 | | | | 140 :
 | 52 | | | | 40 | 335 Fi
 | arnsworth: there has been the progress on Upgrade rojects during the shutdown eriod, although procurement ctivity has commenced. |
| Hours Complete | d | + | | | | |
 | | | | | | -
 | | 10 | | |
 | | | |
 | - | + | | | 0 | 10
 | |
(2)		ASD	RF	Horan, Doug	Morrison, Leonard	12/1/2012
 | 9/13/2013 | | 8% | APS 1433097 | * |
 | | | 424 | |
 | | | |
 | 4 | 3 | 160 | | | he
ke
sp
ev
 | loran: Unable to associate
ours to tasks. Staff do not
eep track of actual hours
pent to that level of detail on
very project. |
 		ACD	MD	l von a ch cole	li can unab antica i Vissi	14/5/2012
 | 0/20/2042 | | 200/ | ADC 4422000 | |
 | | | | 16 |
 | 000 | 00 | |
 | | | | | | 16
 | en Hartog: Trakhtenberg is |
| magnet and SCU Cryostat | | , colo | | v, Yuri | | 11132312 | | 3/20/2013 | | 30.70 | A. 3 143000 | | | | | 0 | | | | | | | | | | | | red GG 1/2 R to as list two times end to CC has be A be a be a constant of the | usthoven: Work completed /21. usthoven: Provided total hrs odate. Unable to ssociated hrs. with tasks sted in the plan. There are wo designers working fullmenter by (Dan on SCU lagnet and Denise on SCU lagnet and Denise on SCU lagnet and Denise on SCU1 (ryostat). A total of 1045 hrs ave been provided since lot. 2012 - 262 hrs had een originally under the PS Upgrade. Hrs. have een adjusted to reflect the 1/5/12, start date of this lan. Baseline Hrs. were nder-estimated. |
| | Hours Complete Process Cooling Water Flowmeter Upgrade Hours Complete Insertion Device Control Upgrade Hours Complete Accelerator server upgrades Hours Complete XRAY network and server upgrades Hours Complete SS Gen 3 and FEEPS Equipment Enhancements - Gen 3 U Mezzies - FEEPS Contrologix PLC's Hours Complete SP Bunch current mointor servers Hours Complete Build spare booster tuners (2) Hours Complete 1m long SCU prototype magnet and SCU Cryostat | Hours Completed Process Cooling Water Flowmeter Upgrade Hours Completed Insertion Device Control Upgrade Hours Completed Approved Hours Completed Accelerator server upgrades Hours Completed XRAY network and server upgrades Hours Completed PSS Gen 3 and FEEPS Equipment Enhancements - Gen 3 U Mezzies - FEEPS Contrologix PLC's Hours Completed SP Bunch current mointor servers Hours Completed Build spare booster tuners (2) Hours Completed Approved Approved | Hours Completed Process Cooling Water Flowmeter Upgrade Hours Completed Insertion Device Control Upgrade Accelerator server upgrades Hours Completed Accelerator server upgrades Hours Completed PSS Gen 3 and FEEPS Equipment Enhancements - Gen 3 U Mezzies - FEEPS Contrologix PLC's Hours Completed SP Bunch current mointor servers Hours Completed Approved AES Approved AES Hours Completed PSS Gen 3 and FEEPS Approved AES Equipment Enhancements - Gen 3 U Mezzies - FEEPS Contrologix PLC's Hours Completed SP Bunch current mointor servers Approved AES A | Linac Water Station Rebuild Approved AES MOM Hours Completed Process Cooling Water Flowmeter Upgrade Hours Completed Insertion Device Control Upgrade Accelerator server upgrades Approved AES IT Hours Completed XRAY network and server upgrades Hours Completed PSS Gen 3 and FEEPS Equipment Enhancements - Gen 3 U Mezzies FEEPS Contrologix PLC's Hours Completed SP Bunch current mointor servers Hours Completed Approved AES SI Build spare booster tuners (2) Hours Completed Approved AES SI FINANCE Approved AES SI Approved AES SI Approved AES SI SI Approved AES SI APPROVED AES SI FINANCE APPROVED AES SI APPROVED AES APPROVED AES APPROVED AES AES APPROVED | Linac Water Station Rebuild Approved AES MOM Goeppner, George Hours Completed Flowmeter Upgrade Hours Completed Insertion Device Control Upgrade Hours Completed Insertion Device Control Upgrade Accelerator server upgrades Approved AES IT Sidorowicz, Ken Hours Completed XRAY network and server upgrades Hours Completed PSS Gen 3 and FEEPS Equipment Enhancements - Gen 3 U Mezzies - FEEPS Contrologik PLC's Hours Completed SPB Bunch current mointor servers Hours Completed Phours C | Linac Water Station Rebuild Approved AES MOM Geopner, George Hours Completed Process Cooling Water Howrs Completed Insertion Device Control Upgrade Approved AES CTLS Farnsworth, Richard Received For the Process Cooling Water Hours Completed Approved AES TIT Sidorowicz, Ken Ken More Completed PSS Gen 3 and FEEPS Gutternents - Gen 3 U Mezzies - FEEPS Contrologix PLC's Hours Completed Approved AES CTLS Farnsworth, Richard Markovich, Greg Greg Approved AES SI Markovich, Greg Greg Markovich, Greg Greg Markovich, Greg Greg Markovich, Greg Greg Approved AES CTLS Farnsworth, Richard Richard Farnsworth, Richard Richard Approved AES CTLS Farnsworth, Richard Richard Scu Cryotat Approved AES MD RF Horan, Doug Morrison, Leonard MD Norrison, Leonard Approved AES MD MD Nanyushenko Nanyushenkov, Yuri Nanyushenk | Hours Completed Approved AES MOM Goeppner, George George Approved Approved AES MOM Goeppner, George Approved Approved Approved AES MOM Goeppner, George Approved Approved AES MOM Goeppner, George Approved Approved AES MOM Goeppner, George Approved Approved AES CTLS Famsworth, Richard 12/1/2012 Approved AES CTLS Famsworth, Richard 12/1/2012 Approved AES TT Sidorowicz, Ken Approved AES TT Sidorowicz, Approved AES TT Sidorowicz, | Linac Water Station Rebuild Approved AES MOM Geoppner, George Wright, Robert George Process Coding Water Flowmeet Upgrade Hours Completed Insertion Device Control Upgrade Approved AES MOM Geoppner, George Insertion Device Control Upgrade Approved AES CTLS Farnsworth, Richard Richard Rehard Provided AES TT Sidorowicz, Ken 12/1/2012 Sidorowicz, Ken 12/1/20 | Linac Water Station Rebuild Approved Mode RES MOM Geoppher, George Prosess Coling Water Flowmetr Ubgrade Hours Completed Insertion Device Control Upgrade Hours Completed Insertion Device Control Upgrade Approved AES CTLS Famsworth, Richard Richar | Linau Water Station Rebuild Approved AES MOM Geophers, George Ge | Linax Water Station Rebuild Approved AES MOM Gooppine (George George George George George George George George Process Coding Water Process Coding Water Flavmette Manade Nours Completed Resettion Deliver Control Upgrado AES CTLS Stationovicz, Ken 12/1/2012 5/30/2014 5% | Lines Winder Station Refusited Approved AES MOM Goographer, Wright, Robert 12/1/2012 1/25/2014 20% 45% 14/1/2012 1/25/2014 20% 45% 14/1/2012 1/25/2014 20% 45% 14/1/2012 1/25/2014 20% 45% 14/1/2012 1/25/2014 20% 45% 14/1/2012 1/25/2014 20% 45% 14/1/2012 1/25/2014 20% 45% 14/1/2012 1/25/2014 20% 45% 14/1/2012 1/25/2014 20% 45% 14/1/2012 1/25/2014 20% 45% 14/1/2012 1/25/2014 20% 45% 14/1/2012 1/25/2014 20% 1/25/2013 20% 45% 14/1/2012 1/25/2014 20% 1/25/2013 20% 45% 14/1/2012 1/25/2014 20% 1/25/2013 20% 45% 14/1/2012 20% 1/25/2013 20% 1/25/2013 20% 1/25/2013 20% 1/25/2013 20% 1/25/2013 20% 1/25/2013 20% 1/25/2013 20% 1/25/2013 20% 1/25/2013 20% 1/25/2013 20% 1/25/2013 20% 1/25/2013 20% 1/25/2013 20% 1/25/2013 20% 1/25/2013 20% 1/25/2013 20% 1 | Linear Visions Station Revealed Approved AES Molto Geogenet Merglia Roder 12/12/2012 1/25/2014 20% 47/12/2012 1/25/2014 20% 47/12/2012 1/25/2014 20% 47/12/2012 1/25/2014 20% 47/12/2012 1/25/2014 20% 47/12/2012 1/25/2014 20% 47/12/2012 1/25/2014 20% 47/12/2012 1/25/2014 20% 47/12/2012 1/25/2014 20% 47/12/2012 1/25/2014 20% 47/12/2012 1/25/2014 20% 47/12/2012 1/25/2014 20% 47/12/2012 1/25/2014 20% 47/12/2012 1/25/2014 20% 47/12/2012 1/25/2014 20% 47/12/2012 1/25/2014 20% 47/12/2012 1/25/2014 20% 47/12/2012 1/25/2014 20% 47/12/2012 1/25/2014 20% 47/12/2012 20% 4 | Lines Visided Resource Approved AES MOW Cooppiner Control Cont | Lines Verlands Selector Resource Approved AES MOM Coopening Verland 121/2012 172/2014 20% 95.143/902 Verlands 120/2014 172/2014 | Lines Variable September September | Line National Control March Marc | Line Water States Appendix Ap | Care Name Care Ca | Company Comp | Control Person Pe | Mary Completed Mary | Security Marke Composed C | Secure March Mar | Secretary Secr | List Witten Related Related Department (1) 4500 (1) 10 10 10 10 10 10 10 10 10 10 10 10 10 | Liga Work Fide Property Pro | List Note Note Note Note Note Note Note Not | Less Note Mark Schwerz (1960) 1960 1960 1960 1960 1960 1960 1960 1960 |

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Project#	Title	Status	Div	Grou	p Rec	quester		Manager	Proposed Start Date	Actual Star	Proposed End	d Actual Finish	% Complete	Excell Plan	MS Project Plan	BCDA	CTSs Support Needed	MED S	upport N	Needed	Design/ Drafter Support	MOM Su		Safety Interlock Support	s ESH/	Softw are C Servi S	chana G	TSS froup - 17 Eng	. Total	Comments from Jan 31, 2013 Progress Reports
															Fiaii		<u> </u>				Needed			Needed		ces		Lily		
2/21/2013	APS 1432632														ļ,		Tech Eng.			SA		Tech I		ech En	g.					
		Approved	ASD	DIA	Decke	er, Glenr	n Deckei	r, Glenn	10/1/2012		9/30/2013		5%	APS_1433087	~		240)	480	0 40	480		160						1,400	Decker: adjusted hrs. and %
	AIP (WP 01202)																													complete (from 20% to 5%). Project just getting started.
																														Toject just getting started.
																														Rusthoven: No hours from
																								İ				İ		design team in Jan.
	Hours Completed																		17	7 0	0								17	
1253	Fundamental PAR RF Cavity	Approved	ASD	RF	Smith	n, Terry	Smith,	, Terry	2/1/2013		7/3/2013		9%	APS_1433100	✓			80	100	0		36					80		296	Smith: provided update
	Beam Tube Assembly																													
																						_								
	Hours Completed	<u> </u>													ļ			0	20	0									20	
1254	Harmonic PAR Circulator	Approved	ASD	RF	Smith	n, Terry	Smith,	, Terry	11/12/201:	2	10/8/2013		3%	APS 1433101	~							88							88	Smith: 26 hrs of RF Eng.
	Hours Completed		-	-	-		-			-		-		-					-	-										Support.
1313		Approved	ASD	DΙΔ	Deck	er Glenr	n Decker	r, Glenn	10/1//12		12/20/2013	-	15%	APS 1433096		-		-	40		120									Decker: We haven't actually
	development	Approved	AOD	Dir	Deck	ci, Olcili	Decker	i, Oloilli	10/1//12		12/20/2013		1370	A(3 1433050					"		120								100	spent any money, but did
																														complete the APS-U
																														preliminary design review on
																														1/31 which included our
																														latest thinking which was given a blessing I think.
																														Also, we have an assigned
																														engineer Curt Preissner
																														which I changed in the
																														spreadsheet, and he gave
																														me a refined effort estimate
																								ļ				ļ		which is not drastically different from my original. I
																	l													think we'll still stay on track
															-			-	ļ	-	0									with our milectones
1334	Hours Completed S-Band Klystron		ASD	DE	Cour	s, Alex	Cours,	Alov	12/2/2012	11/20/2012	12/18/2013		5%	ADC 1422000	-					J	0									Course provided undete
1334	3-Danu Kiystion	Approved	ASD	KF	Cours	s, Alex	Cours,	, Alex	12/3/2012	11/29/2012	12/10/2013		5%	APS 1433099	1								0						9	Cours: provided update (reported 2hrs of his time)
		ļ											ļ					-	ļ	-										
	Hours Completed												ļ																	
	Linac Transverse Deflecting	Approved	ASD	RF	Smith	n, Terry	Smith,	, Terry	11/5/2012		12/31/2013		7%	APS_1433113	✓	2	240 240	160	328	40	610	320	40						1,978	Den Hartog: Has acquired
	Cavity																													Jim Morgan from NE Division to help L. Morrison with these
																														projects.
																												İ		Rusthoven: Tom Grabinski
																											l			has been assigned to this
																												İ		project; this will commit him for the remainder of the fiscal
																														year and beyond.
																														, ,
																														Smith: ASD effort hrs: DIA
																														Eng - 50; RF Eng - 160; MCR Eng 8
	Hours Completed		1	1	1													0	56	6									56	INN AN EIRE O
1374		Approved	ASD	RF	Smith	n, Terry	Smith,	, Terry	11/22/2012	2	8/29/2013		12%	APS 1433114	/		50	40	152		240	184	48						714	Den Hartog: Has acquired
						-																								Jim Morgan from NE Division
																														to help L. Morrison with these
																														projects.
																														Rusthoven: Tom Grabinski
																														has been assigned to this
																														project; this will commit him
																														for the remainder of the fiscal
																														year and beyond.
																														Smith: ASD effort hrs: DIA
																														Eng - 42; MCR Eng - 28; PS
																														Eng - 120; RF Eng - 148
	Hours Completed	,																	16	6	3								19)
1393		Approved	ASD	MD	- 1	erman,	Vasser	rman, Isaac	12/10/201:	2	3/31/2013																			no plan provided - ASD will
	MM1				Isaac																									provide required effort
	Hours Completed																												(
XSD	·											·																		

			_								APS P	roject Kep	port Sui	nmary															
Project#	Title	Status	Div	Group	Requester	Manager	Proposed Start Date	Actual Start	Proposed End Date	Actual Finish	% Complete	Excell Plan	MS Project Plan	BCDA	CTSs St Need		MED Su	upport Need	ded Designment Draft Supple Need	er N ort	MOM Sup Needed	Safety Dort Interlocks Support Needed	ESH/ QA		Control	TSS Group - Eng	IT	Total Hrs	Comments from Jan 31, 2013 Progress Reports
2/21/2013	APS 1432632														Tech	Eng.	Tech	Eng SA			ech En			003					
	Replace TXM in 32-ID	Approved	XSD	IMG	DeCarlo, Francesco	Erdmann, Mark	2/6/2012	2/6/2012	1/31/2013		75%	APS 1433111	~	500				500						500					Erdmann: 90% of BCDA work complete; the requested 80 tech hrs. from CTSs not needed; the requested 260 MED tech hrs. not needed, work being done by XSD techs.
	Updated Hrs from Pla														90		260	240	1	358				3000					N. Schwarz: provided update on Software Services.
	Hours Complete		+						12/31/2013	3				176	80		260	340 547		738			+	2129				5,038 3,590	
	Instrumentation of 1-ID-E hutch for high energy diffraction	Approved	XSD	MPE	Almer, Jon	Benda, Erika	11/5/2012		4/18/2014			APS 1433104		152.0			100	1336		3320	212								E. Benda: does not foresee any designer effort available soon, planning to use designer from NE group shortly. 1) Layout - Started and will be ongoing throughout the life of the project. 2) Aerotech - Started and a good chunk through it but I've had to stop working on it due to lack of time. 3) MTS Table - Started and a good chunk of design is complete. 4) Overhead Rails - Started and a good chunk of design is complete. 4) Overhead Rails - Started and we are in preliminary design. 5) Hydra 2.0 - Not Started 6) Very Far Field Detector - Not Started 7) SAXS Table - Not Started Den Hartog: requested effort not approved - Not until other contract eng. is available. Total MED hrs. reported on 12/31/12 included hrs since the beginning of the project (80 hrs. of MED tech., 690 of MED Eng., 160 hrs of BCDA) E. Benda has adjusted the
	Hours Complete	d	+														0	140		0	0		-	-				140	
484	Optics test beamline	Approved	XSD	OPT	Macrander, Albert	Erdmann, Mark	7/23/2012	7/23/2012	12/26/2012		80%	APS 1433110	V	160			170			120	50							840	Erdmann (1/31/12 Update): installation to be completed by March 26. For testing white beam (3/1-3/24) additional resources were added: 80 hrs of MED Eng. (245 to 340), 80 hrs. of Med Tech (90 to 170), 160 hrs. of BCDA (Sullivan and Goetz). Design work complete.
	Hours Complete	1							5/20/2013	3							90			264	25							831	
	Complete the 2-ID-D double multilayer monochromator (02179)	Approved	XSD	MIC	Lai, Barry	Lai, Barry	1/1/2012	1/1/2012	4/30/2013		80%	APS 1433112	~				200	108		100									Lai: Unable to complete the installation during the January shurtdown. Changed the actual start/finish dates for installation and commissioning to 5/31/13
	Hours Complete	d	+						8/30/2013								100	365		100				1				565	and 8/30/13. respectively.
	Replacement of 11-ID EPS system and beamline diagnostics Hours Complete		XSD	SRS	Chupas, Pete	er Markovich, Greg	3/1/2013		11/1/2014		0%	APS 1434142										120 26	64					384	Markovich: Provided update
	Mirror support stages and	Approved	XSD			Tischler, Jon	10/1/2012		1/15/2013		80%	APS 1433103	√							\dashv			+	1		20		20	D. Shu: Provided update
	wire stages for Jon Tischler			AES/T SS	Shu, Deming	Shu, Deming																							
	Hours Complete	d							4/30/2013	3																16		16	Page

Part							_					APS P	roject Rep	ort Su	mmary																
March Company Compan	Project#	Title	Status	Div	Group	Requester	Manager		Actual Start				Excell Plan	Project	BCDA			MED S	Support Ne	eded	Drafter Support			Support		Servi	Central	Group -	ІТ		
Second Companies Companies	2/21/2013	APS 1432632														Tech	Eng.	Tech	Ena S			Tech	Ena Teo			ces					
Property Property		Upgrade to High-Energy		XSD	SRS	Karena						10%	APS_1434001																	656	in the future, I do not have anyone available for 2/4, if this is flexible then we can
195 196 197		Hours Complete	24																64	ol											The project is in the early stages, and there is not much to report yet.
Head Composed Head Compose	1098	Engineering of modular Kirkpatrick-Baez mirror		XSD	MIC	Vogt, Stefan	Shu, Deming	11/1/2012		10/7/2013		25%	APS 1433105	-														20	0		
Mark Companies	1193	Hours Complete Finish installations for IEX		XSD	ММ		McChesney, Jessica	11/13/2012		7/30/2013		25%	APS_1433102	·	780.0				252	82	243	1712		200 17	6			5	0	3,445	J. Lang: project on track, taking beam and trying to do diagnostics. Effort provided by MOM tech, SA and by permanently assigned BCDA
March Completed March Comp		Hours Complete	ed								1				160		ļ		198	140	575					+			+	1,073	
The Cold Heart Regressed for Proceedings Processed Frequency	1453			PSC		Mills, Dennis	Erdmann, Mark	1/24/2013	3	6/28/2013									40		20	80		4	0						
Agreement Projection Description of Transported Projection of Transported Projection Description of Transported Projection Projection Projection Description of Transported Projection Projection Projection Projection Description of Transported Projection Proje		 		-											1,592	202	520	974	3,612	122	2,103	3,893	304	560 71	2 48	500	240	22	0 991		
Provisionally Agreement Provisionally Ag		Approved Projects Total Hours Provided to													336	10	10	90	1,640	140				140 5	2 (2,129	0	6	6 430	8,591	
## 411 M2 system specification Application																<u> </u>								-	-			-	-		
Approved Approved	AES			-					1																						
Test Cyrosist and Magnet Manual System Submitted Massionment System Submitted Massionment System Submitted Massionment System Massionment	.01	Z. Z. Oyotom apgrades	1	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		odnik, rtok	corons, Andrew	G, 112012	G/1/2012	3332311			113 13333			1100						020									events, starts, finishes, and effort estimates reflect discussions with Marty Smith. Effort changes are: CTS Tech hrs. up 160 from 940 to 1100; CTS Eng. Hrs.
115 Pear Completed Approach	100	Hours Complete	ed													230	20													250	
Hours Completed Figure Hours Completed F	1156	Measurement System	Submitted	ASD	MD		lvanyushenkov, Yuri												240	4	180										include only MED Eng and Designer support for a conceptual design so a
Bootster Kicker Upgrade (WP Provisionally of 1250)	TBD	Hours Complete Replacement thyratrons (x2	Provisionally	ASD	RF	Cours, Alex	Cours, Alex																							0	propose central made to
Approved Hours Completed Lawrence Heald, Steve Heald, St		•																												0	
Secondary Seco	IBD	01250)	Approved	ASD	PS		Donley, Lawrence																							0	
S47 High-Temperature Sample Environment Approved		Quick XAFS Mono for 9-BM	Submitted	XSD	SPC	Heald, Steve M.	Heald, Steve M.	11/1/2012		9/30/2013									80											80	
Environment Approved Matthew Chupas Scheduled for 2/22 Hours Completed 1097 High-Throughput Provisionally Development for 11-ID-B Approved Hours Completed Hours Completed Projects Completed 913 APS Vibration Alarm System Complete AES MED Den Hartog, Pat 4/25/2012 9/30/2012 12/31/2012 100% APS 1433107 Hours Completed 913 APS vibration Alarm System Complete AES MED Den Hartog, Pat 4/25/2012 9/30/2012 12/31/2012 100% APS 1433107 Hours Completed 914 APS vibration Alarm System Complete AES MED Den Hartog, Pat 4/25/2012 9/30/2012 12/31/2012 100% APS 1433107 915 APS vibration Alarm System Complete AES MED Den Hartog, Pat 4/25/2012 9/30/2012 12/31/2012 100% APS 1433107 136 APS vibration Alarm System Completed AES MED Den Hartog, Pat 4/25/2012 9/30/2012 12/31/2012 100% APS 1433107 137 APS vibration Alarm System Completed AES MED Den Hartog, Pat 4/25/2012 9/30/2012 12/31/2012 100% APS 1433107 138 APS vibration Alarm System Completed AES MED Den Hartog, Pat 4/25/2012 9/30/2012 12/31/2012 100% APS 1433107 158 APS vibration Alarm System Completed AES MED Den Hartog, Pat 4/25/2012 9/30/2012 12/31/2012 100% APS 1433107 159 APS vibration Alarm System Completed AES MED Den Hartog, Pat 4/25/2012 9/30/2012 12/31/2012 100% APS 1433107 150 APS vibration Alarm System Completed AES MED Den Hartog, Pat 4/25/2012 9/30/2012 12/31/2012 100% APS 1433107 150 APS vibration Alarm System Completed AES MED Den Hartog, Pat 4/25/2012 9/30/2012 12/31/2012 100% APS 1433107 150 APS vibration Alarm System Completed AES MED Den Hartog, Pat 4/25/2012 9/30/2012 12/31/2012 100% APS 1433107 150 APS vibration Alarm System Completed AES MED Den Hartog, Pat 4/25/2012 9/30/2012 12/31/2012 100% APS 1433107 150 APS vibration Alarm System Completed AES MED Den Hartog, Pat 4/25/2012 9/30/2012 12/31/2012 100% APS 1433107 150 APS vibration AES AES AES AES AES AES AES AES AES AES	547	Hours Complete	Provisionally	XSD	SRS	Suchomel	Benson Christa																							<u> </u>	
1097 High-Throughput Development for 11-ID-B Approved Name		Environment	Approved	1.02		Matthew																									w/P.Chupas scheduled for 2/22
Hours Completed Hours Completed Hours Comp	1097	High-Throughput	Provisionally	XSD	CMS		Benson, Christa																								Chupas and K. Chapman to
913 APS Vibration Alarm System Complete AES MED Den Hartog, Pat 4/25/2012 4/25/2012 9/30/2012 12/31/2012 100% APS 1433107 V		Hours Complete	ed																												эспецие мід.
Hours Completed			m Complete	AES	MED	1	Den Hartog, Pat	4/25/2012	4/25/2012	9/30/2012	12/31/2012	100%	APS_1433107	✓																	
123 _= service group can provide			ed			ral																							1		
		.= service group can provid	le																										<u> </u>		

Approved Projects Approved AES MOM Gospinar, Gospinar, Gospinar, Cosming Sive Exhibiting Park Costing Sive Exhibiting Park Approved AES MOM Gospinar, Gosp						APS Pro	ect Report Su	mmary				
Approved Projects A	Project#	Title	Status	Div	Group	Requester	Manager	-		Reques	provided	Feb 2013 Comments
ACS SIX Vaccium Chamber 40 Six Vaccium Chamber 40 Six Vaccium Chamber 40 Six Vaccium Chamber 40 Six Vaccium Chamber 41 Six Vaccium Chamber 42 Six Vaccium Chamber 43 Six Vaccium Chamber 44 Six Mod 45 Six Vaccium Chamber 44 Six Mod 45 Six Vaccium Chamber 44 Six Mod 45 Six Vaccium Chamber 44 Six Mod 45 Six Vaccium Chamber 44 Six Mod 45 Six Vaccium Chamber 44 Six Mod 45 Six Vaccium Chamber 45 Six Vaccium Chamber 46 Six Vaccium Ch	2/21/2013	APS 1432632										
Sevenin, G. 3/30/2014 20% 532 180 Sevenin-Provided update Cacling Seld Extranger Cacl		Projects										
Controllers in PAR Georgie A. Georgie A. Georgie A. Wight, Robert 1/25/2014 5/7 7/7 7/7 7/7 2014 107 Wright: Provided update Georgie Flowmater Usprace Approved AES MOM Georgie, Society Georgie Flowmater Usprace AES MOM Georgie, Georgie Flowmater Usprace AES MOM Georgie, Georgie Geor		Cooling Skid Exchanger	Approved	AES	МОМ		Swetin, G.	3/30/2014	20%	532	180	Swetin: Provided update
Process Cucling Water Provided update Approved AES MOM George	418		Approved	AES	МОМ		Gagliano, Joe	1/11/2013	0%	240	0	the 2013-2 shutdown. Proposed end-date is 9/24/13. Tech hours
Flowmeter Liberated Flowmeter Liberated	420	Linac Water Station Rebuild	Approved	AES	МОМ		Wright, Robert	1/25/2014		775	107	Wright: Provided update
Upgrade Degrees on Upgrade Richard Progress on Upgrade projects stuff the shallow period, although product memorial delively has commenced. 1173 Accelerator server upgrades Approved AES IT Siddrowicz, Siddrowicz, Ken 9/30/2013 50% 480 140 Siddrowicz No change to date Nen N	426		Approved	AES	MOM		Swetin, G.	5/30/2014	5%	344	38	Swetin: Provided update
Ken Ken	456		Approved	AES	CTLS		Farnsworth, Richard	5/1/2013	5%	187	10	progress on Upgrade projects during the shutdown period, although procurement activity has
1174 XRAY network and server approved a SES IT Sidorowicz. Sidorowicz. No change to date update PSS Gen 3 and FEEPS Equipment Enhancements - Gen 3 U Mazicles - FEEPS Contrology RLCs Approved servers Approved AES SI Markowich, Greg Greg 7/31/2013 38% 512 192 Markowich: Provided update SES SI Markowich Provided update SES SE	1173	Accelerator server upgrades	Approved	AES	IT	· '	Sidorowicz, Ken	9/30/2013	50%	480	140	Sidorowicz: No change to date
PSS Gen 3 and FEEPS Approved AES SI Markovich, Greg 7/31/2013 38% 512 192 Mankovich: Provided update Equipment Enhancements -Gen 3 U Mezizies -FEEPS Centrology PLCs	1174		Approved	AES	IT	Sidorowicz,	Sidorowicz, Ken	9/30/2013	30%	471	290	Sidorowicz: No change to date
SP Bunch current mointor servers Approved AES CTLS Farnsworth, Richard Richard Richard Paraworth, Richard P	1176	PSS Gen 3 and FEEPS Equipment Enhancements - Gen 3 U Mezzies	Approved	AES	SI	Markovich,	Markovich, Greg	7/31/2013	38%	512	192	Markovich: Provided update
Build spare booster tuners (2) Hours Completed 1153 Im long SCU prototype magnet and SCU Cryostat Hours Completed 1154 APPROVED Hours Completed ASD MD Varyushenko V, Yuri Wanyushenkov, Yuri Vuri Wanyushenkov, Yuri Vari ari Wanyushenkov, Yuri Vari Vari Vari Vari Vari Vari Vari Va	1213	SP Bunch current mointor	Approved	AES	CTLS	· · · · · · · · · · · · · · · · · · ·	Farnsworth, Richard	9/24/2013	10%	335	10	progress on Upgrade projects during the shutdown period, although procurement activity has
Calculation Calculation		D. III an and be a stanton and			DE	lilana Barra	NA-missa I sansani	0/40/0040	00/	000	40	Usasa Usashia ta asaa data barra ta
1153 Im long SCU prototype magnet and SCU Cryostat Approved ASD MD Ivanyushenko v. Yuri 9/26/2013 30% 1,152 1,193 Den Hartog: Traktenberg is reviewing MED hours Goeppner: Work completed 1/21. Rusthoven: Provided total hrs to date. Unable to associated hrs. wit tasks listed in the plan. There are two designers working full-time on this Project for the entire FV (Dan o SCU Magnet and Denise on SCUI Cryostat). A total of 1045 hrs have been provided since Oct. 2012 - 26 hrs had been originally under the APS Upgrade. Hrs. have been adjusted to reflect the 11/5/12, stant date of this plan. Baseline Hrs. were under-estimated. Hours Completed Approved ASD DIA Decker, Glenn Decker, Glenn 9/30/2013 5% 1,400 17 Decker: adjusted hrs. and % complete (from 20% to 5%). Project just getting stanted. Rusthoven: No hours from design team in Jan. 1253 Fundamental PAR RF Cavity Beam Tube Assembly Approved ASD RF Smith, Terry Smith, Terry 7/3/2013 9% 296 20 Smith: provided update	627	(2)		ASD	KF	Horan, Doug	Morrison, Leonard	9/13/2013	8%			tasks. Staff do not keep track of actual hours spent to that level of detail on every project.
magnet and SCU Cryostat v, Yuri visuals, Sepppenent Work completed 1/21. Rusthoven: Provided total hrs to-date. Unable to associated hrs. with tasks listed in the plan. There are two designers working full-lime on this Project for the entire FY (Dan of SCU Magners working full-lime on this Project for the entire FY (Dan of SCU Magners working full-lime on this Project for the entire FY (Dan of SCU Magners working full-lime on this Project for the APS Upgrade. Hrs. have been adjusted to reflect the 11/5/12, standate of this plan. Baseline Hrs. wer under-estimated. Hours Completed 1154 X-ray BPM Enhancement AIP (WP 01202) Approved ASD DIA Decker, Glenn Decker, Glenn Possible Final	4450			ACD	MD	li cani i cala and ca	lugarinah antan Visi	0/00/0040	200/			1 -
1154 X-ray BPM Enhancement Alproved ASD DIA Decker, Glenn Decker, Glenn Decker, Glenn Decker, Glenn Decker, Glenn Decker, Glenn Decker, Glenn Decker, Glenn Decker, Glenn Decker, Glenn Decker, Glenn Decker, Glenn Decker, Glenn 17 Decker: adjusted hrs. and % complete (from 20% to 5%). Project plants getting started. Rusthoven: No hours from design team in Jan. 1253 Fundamental PAR RF Cavity Approved ASD RF Smith, Terry Smith, Terry 7/3/2013 9% 296 20 Smith: provided update	1133		Approved	ASD	MID		ivanyusienkov, Tun	9/20/2013	30%	1,152	1,193	reviewing MED hours Goeppner: Work completed 1/21. Rusthoven: Provided total hrs todate. Unable to associated hrs. with tasks listed in the plan. There are two designers working full-time on this Project for the entire FY (Dan on SCU Magnet and Denise on SCU1 Cryostat). A total of 1045 hrs have been provided since Oct. 2012 - 262 hrs had been originally under the APS Upgrade. Hrs. have been adjusted to reflect the 11/5/12, start date of this plan. Baseline Hrs. were
AIP (WP 01202) Complete (from 20% to 5%). Project just getting started. Rusthoven: No hours from design team in Jan. Temperature of the provided update of the provided with the provided update of the pro		Hours Completed							0%	1,193		0
1253 Fundamental PAR RF Cavity Approved ASD RF Smith, Terry Smith, Terry 7/3/2013 9% 296 20 Smith: provided update Beam Tube Assembly	1154	1	Approved	ASD	DIA	Decker, Glenn	Decker, Glenn	9/30/2013	5%	1,400	17	complete (from 20% to 5%). Project just getting started.
1253 Fundamental PAR RF Cavity Approved ASD RF Smith, Terry Smith, Terry 7/3/2013 9% 296 20 Smith: provided update Beam Tube Assembly												
1254 Harmonic PAR Circulator Approved ASD RF Smith, Terry Smith, Terry 10/8/2013 3% 88 0 Smith: 26 hrs of RF Eng. Support.	1253		Approved	ASD	RF	Smith, Terry	Smith, Terry	7/3/2013	9%	296	20	
	1254	Harmonic PAR Circulator	Approved	ASD	RF	Smith, Terry	Smith, Terry	10/8/2013	3%	88	0	Smith: 26 hrs of RF Eng. Support.

					APS PIU	ect Report Su	illilary				
Project#	Title	Status	Div	Group	Requester	Manager	Proposed End Date	% Complete	Hrs Reques ted	Hrs provided to date	Feb 2013 Comments
	APS 1432632 Mechanical stability development	Approved	ASD	DIA	Decker, Glenn	Decker, Glenn	12/20/2013	15%	160	0	Decker: We haven't actually spent any money, but did complete the APS-U preliminary design review on 1/31 which included our latest thinking which was given a blessing I think. Also, we have an assigned engineer Curt Preissner which I changed in the spreadsheet, and he gave me a refined effort estimate which is not drastically different from my original. I think we'll still stay on track with our milestones.
1334	S-Band Klystron	Approved	ASD	RF	Cours, Alex	Cours, Alex	12/18/2013	5%	8	0	Cours: provided update (reported 2hrs of his time)
	Linac Transverse Deflecting Cavity APS New Electron Gun	Approved		RF	Smith, Terry Smith, Terry	Smith, Terry Smith, Terry	8/29/2013	12%	714		Den Hartog: Has acquired Jim Morgan from NE Division to help L. Morrison with these projects. Rusthoven: Tom Grabinski has been assigned to this project; this will commit him for the remainder of the fiscal year and beyond. Smith: ASD effort hrs: DIA Eng - 50; RF Eng - 160; MCR Eng. 8 Den Hartog: Has acquired Jim Morgan from NE Division to help L. Morrison with these projects. Rusthoven: Tom Grabinski has been assigned to this project; this will commit him for the remainder of the fiscal year and beyond. Smith: ASD effort hrs: DIA Eng - 42; MCR Eng - 28; PS Eng - 120; RF Eng - 148
1393	New sensors/hardware for MM1	Approved	ASD	MD	Vasserman, Isaac	Vasserman, Isaac	3/31/2013		0	0	no plan provided - ASD will provide required effort
XSD 481	Replace TXM in 32-ID	Approved	XSD		DeCarlo, Francesco	Erdmann, Mark	1/31/2013	75%	1,500	3,590	Erdmann: 90% of BCDA work complete; the requested 80 tech hrs. from CTSs not needed; the requested 260 MED tech hrs. not needed, work being done by XSD techs. N. Schwarz: provided update on Software Services.
	Updated Hrs from Plan								5,038		

					APS Pro	ect Report Su	mmary				
Project#	Title	Status	Div	Group	Requester	Manager	Proposed End Date	% Complete	Hrs Reques ted	Hrs provided to date	Feb 2013 Comments
2/21/2013 482	APS 1432632 Instrumentation of 1-ID-E hutch for high energy diffraction	Approved	XSD	MPE	Almer, Jon	Benda, Erika	4/18/2014	0%	2,120	140	E. Benda: does not foresee any designer effort available soon, planning to use designer from NE group shortly. 1) Layout - Started and will be ongoing throughout the life of the project. 2) Aerotech - Started and a good chunk through it but I've had to stop working on it due to lack of time. 3) MTS Table - Started and a good chunk of design is complete. 4) Overhead Rails - Started and we are in preliminary design. 5) Hydra 2.0 - Not Started 6) Very Far Field Detector - Not Started 7) SAXS Table - Not Started Den Hartog: requested effort not approved - Not until other contract eng. is available. Total MED hrs. reported on 12/31/12 included hrs since the beginning of the project (80 hrs. of MED tech., 690 of MED Eng., 160 hrs of BCDA) E. Benda has adjusted the hours to correspond with the requested hrs. submitted in the plan with start date of 11/5/2012.
484	Optics test beamline	Approved	XSD	OPT	Macrander, Albert	Erdmann, Mark	12/26/2012	80%	840	831	Erdmann (1/31/12 Update): installation to be completed by March 26. For testing white beam (3/1-3/24) additional resources were added: 80 hrs of MED Eng. (245 to 340), 80 hrs. of Med Tech (90 to 170), 160 hrs. of BCDA (Sullivan and Goetz).
487	Complete the 2-ID-D double multilayer monochromator (02179)	Approved	XSD	MIC	Lai, Barry	Lai, Barry	4/30/2013	80%	408	565	Design work complete. Lai: Unable to complete the installation during the January shurtdown. Changed the actual start/finish dates for installation and commissioning to 5/31/13 and
546	Replacement of 11-ID EPS system and beamline	Approved	XSD	SRS	Chupas, Peter	Markovich, Greg	11/1/2014	0%	384	0	8/30/13. respectively. Markovich: Provided update
1094	diagnostics Mirror support stages and wire stages for Jon Tischler	Approved	XSD	XSD AES/T SS	Tischler, Jon Shu, Deming	Tischler, Jon Shu, Deming	1/15/2013	80%	20	16	D. Shu: Provided update
1095	Upgrade to High-Energy MonochromatorS 11-ID-B,C	Approved	XSD	CMS SRS	Chapman, Karena Chupas, Peter	Benson, Christa			656	64	Rushtoven: I can support this in the future, I do not have anyone available for 2/4, if this is flexible then we can work this in.
1098	Engineering of modular Kirkpatrick-Baez mirror systems	Approved	XSD	MIC	Vogt, Stefan	Shu, Deming	10/7/2013	25%	200	50	D. Shu: provided update
1193	Finish installations for IEX Beamline	Approved	XSD	ММ	McChesney, Jessica	McChesney, Jessica	7/30/2013	25%	3,445	1,073	J. Lang: project on track, taking beam and trying to do diagnostics. Effort provided by MOM tech, SA and by permanently assigned BCDA staff.
	Hours Completed							0%	1,073		0
1453	6-BM Design Total Hours Requested for Approved Projects		PSC	0	Mills, Dennis	Erdmann, Mark	6/28/2013	0	180 17,279	0	Erdmann: working on plan.
	Total Hours Provided to Date for Approved Projects									8,591	
Provisional	Ily Approved		 								
AES	V 100 - 27				·		1				
	-										-

					APS Proj	ect Report Su	mmary				
Project#	Title	Status	Div	Group	Requester	Manager	Proposed End Date	% Complete	Hrs Reques ted	Hrs provided to date	Feb 2013 Comments
2/21/2013	APS 1432632										
431	LN2 system upgrades	Provisionally Approved	AES	SO	Janik, Rick	Stevens, Andrew	5/30/2014		2,100	250	Stevens: changes in project events, starts, finishes, and effort estimates reflect discussions with Marty Smith. Effort changes are: CTS Tech hrs. up 160 from 940 to 1100; CTS Eng. Hrs. up 40 from 640 to 680.
ASD											
1156	Test Cryostat and Magnet Measurement System Design	Submitted	ASD	MD	Ivanyushenko v, Yuri	Ivanyushenkov, Yuri	1/0/1900	0	720	0	Borland: effort requests include only MED Eng and Designer support for a conceptual design so a proposal can be made to DOE.
TBD	Replacement thyratrons (x2)	Provisionally Approved	ASD	RF	Cours, Alex	Cours, Alex			0	0	
TBD	Booster Kicker Upgrade (WP 01250)	Provisionally Approved	ASD	PS	Donley, Lawrence	Donley, Lawrence			0	0	
XSD	0:1745014 (0.514	la 1 1	LVOD	000			1 0/00/0040				
543	Quick XAFS Mono for 9-BM		XSD	SPC	,	Heald, Steve M.	9/30/2013	0	80	0	Contact S. Heald for project plan
547	High-Temperature Sample Environment	Provisionally Approved	XSD	SRS	Suchomel, Matthew Chupas, Peter	Benson, Christa			0	0	Benson: Kick-off mtg. w/P.Chupas scheduled for 2/22
1097	High-Throughput Development for 11-ID-B	Provisionally Approved	XSD	CMS	Chapman, Karena	Benson, Christa			0	0	Benson: Contacted P. Chupas and K. Chapman to schedule Mtg.
Projects Co	ompleted						1	1			
913	APS Vibration Alarm System	Complete	AES	MED	Den Hartog, Pat	Den Hartog, Pat	9/30/2012	100%	686	678	

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